

## TECHNICAL SPECIFICATION OF PORTABLE BORING MACHINE

1. **Name of the Equipment.** Portable Boring Machine.
2. **Purpose.** Portable Boring Machines are used for concentric boring of holes on Backhoes, Dozers, End loaders, Scraper Hitches, metal structures, Tractors, Excavators, machine components, etc - using a standard magnetic drill press.
3. **Quantity.** 01 (One) in number complete set.
4. **Manufacturer, Principal Supplier & Local Supplier.** Name and full address to be mentioned.

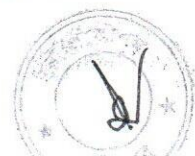
a.	Manufacturer	To be mentioned
b.	Principle Supplier	To be mentioned
c.	Local Supplier	To be mentioned

5. **Country of Origin.** USA, UK, EU Countries, Canada, Japan, Australia, South Korea, China, Turkey and New Zealand.
6. **Manufacturing Country.** USA, UK, EU Countries, Canada, Japan, Australia, South Korea, China, Turkey and New Zealand.
7. **Year of Manufacture.** 2022 or later.
8. **Certificate/Document of Authentication.** The local supplier must provide following certificate(s)/ document(s) with the offer/quotation of items as regard to the genuinity of source and item(s) in order to establish chain of links from the original source to supply items:
  - a. One certificate/ document by the manufacturer in favour of the supplier (in case of manufacturer as direct source).
  - b. Two certificates/ documents, one by the manufacturer to authorized agent and other by the authorized agent to supplier (in case of authorized agent as immediate source).
9. **Standard.** The Portable Boring Machine is to be designed and constructed fulfilling the requirement of International standard. The standard to which the quoted Portable Boring Machine complies with is to be specified (class certificate, ISO etc).
10. **Ambient Condition.** The Portable Boring Machine will have to operate in a highly corrosive marine environment whose particulars are as follows:

a.	Air temperature	+5°C to +45°C
b.	Relative humidity	Upto 95%
c.	Location	Close to the sea shore

11. **Scope of Supply.** The scope of supply is to include the followings:

- a. Main items (01 x Portable Boring Machine) complete with all items necessary for immediate operation without the requirement of any other items (standard fittings/attachments, accessories, etc) (as per paragraph 12 to 14).



- b. Optional items (as per paragraph 15).
- c. Tools and special tools (as per paragraph 16 and 17).
- d. Spare Parts (as per paragraph 18).
- e. Documents (instruction, operation and maintenance manual, spare parts catalogue, certificates, Installation instruction, drawings etc, as applicable) (as per paragraph 19).
- f. Installation, Test/Trial, Acceptance (as per paragraph 20 and 21).
- g. Warranty and Guarantee (as per paragraph 22 and 23).

12. **Technical Specification.**

a.	Type	Portable Boring Machine
b.	Model	To be mentioned
c.	Maker	To be mentioned
d.	Boring Bar Diameter	(100-150) mm
e.	Boring Diameter	Min : (200-260) mm Max: (1000-1500) mm
f.	Facing Diameter	(300-1500) mm.
g.	Input Power	To be mentioned
h.	Hydraulic motor size	To be mentioned
j.	Boring RPM	To be mentioned

13. **Cables.** Standard Cable for connection of the machine is to be provided.

14. **Standard Accessories.** Standard accessories must include all items and accessories, which are essential to operate the Portable Boring Machine, whether those are mentioned in this specification or not. A list of such items / accessories indicating item wise price must be included in the quotation (price included in the Total Price).

15. **Optional Items.** A list of optional items which may be required for Portable Boring Machine is to be provided (price not included in the total price).

16. **Tools.** One (01) set of standard tools for maintenance of the Portable Boring Machine is to be provided indicating item wise price. Quantity and specification of the tools are to be mentioned in details in the quotation (price should be included in the total price).

17. **Special Tools.** A recommended list of special tools required for carrying out operation of Portable Boring Machine is to be provided indicating item wise price (price should be included in the total price)..

18. **Spare Parts.** A list of OEM recommended spare parts required for 05 years of satisfactory operation is to be mentioned indicating item wise price in details (Price not included in the total price).





19. **Documents.** 02 (Two) sets of following documents in English language are to be supplied free of cost with the equipment (One set to be supplied with the offer):

- a. Instruction manual including technical specification, installation, operation maintenance and workshop manual.
- b. Spare parts catalogue
- c. Circuit diagram etc (If any)
- d. Factory test certificate/Performance test certificate.

20. **Test, Trial and Acceptance.** Test and trial will be carried out by the purchaser in presence of supplier's representative and if test/trial is found satisfactory, acceptance certificate will be signed jointly by the representative of supplier and the representative of buyer and to be forwarded to Chief Inspector of Naval Stores (CINS) office.

21. **Training.** The manufacture's / supplier's installation engineer will provide operation and maintenance training in Bangladesh to 05 BN Personnel for 01 day after test, trial and commissioning of the Portable Boring Machine. Cost of air fare, accommodation and food of the manufacture's / supplier's engineer are to be borne by the manufactures / suppliers.

22. **Warranty.** Warranty for trouble free operation is to be given by the principal/ manufacturer for a period of at least 12 months from the date of acceptance by the buyer. During the warranty period, if the item/equipment remains non-operational/defective for any action pending by the supplier the warranty period will be extended for the same period. The warranty covers all parts and labor (including service engineers cost) throughout the warranty period.

23. **Guarantee.** The Principal/ Manufacturer will guarantee to supply the spares for at least 05 years with reasonable price. Yearly increase of price of spares should not be more than 5% of the price list for spares to be supplied with the quotation.

24. **Shipment.**

- a. The supplier will arrange shipment of all items by sea/ air to Chittagong sea port/ Dhaka air port, Bangladesh.
- b. All items are to be delivered in sea-worthy packing to ensure safe transportation by sea.
- c. All packages are to have packing notes showing their contents in details and all packages shall be marked with the name and address of the consignee and gross weight.
- d. The supplier will arrange transportation of all supplied items from Chittagong sea port/ Dhaka air port to the NSD Chattogram.
- e. **Port of Shipment.** Any port of the manufacturing country. In case of shipment through any port of manufacturer authorized dealer, relevant manufacturer certificate is to be provided as a proof of genuineness of the offered item.



24. **Delivery.** The items are to be delivered within **04 (Four)** months of signing the contract to the following address:

The Commanding Officer  
Naval Stores Depot Chattogram  
New Mooring, Chattogram, Bangladesh

25. **Validity of offer.** The offer should remain valid till 03 (three) months from the date of tender opening.


26. **Price.** If the item is imported against this order, price to be quoted without import duties.

27. **Terms of Payment.** 100% of Total Contract Price (TCP) will be paid in local currency as per existing rules after satisfactory test/ trial and acceptance by BN.

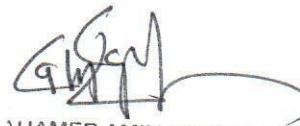
28. **Condition for Acceptance of Quotation.** Quotation has to have supporting documents (booklets, leaflet, catalogue, brochure etc) having detailed particulars of the offered Portable Boring Machine. If detailed information regarding specifications, maker's books and catalogue about the same model of the Portable Boring Machine quoted, spare parts, accessories, scope of supply, etc are not provided, the quotation will not be accepted.

29. **Compliance Statement.** A compliance statement fulfilling all the requirement of the tender is to be submitted for evaluation of the quotations. Stating mere 'Yes' or 'No' will not suffice and detailed description/ information as required is to be given. An incomplete compliance statement may attribute to cancellation of the offer. If any clause of this specification does not commensurate with offered Portable Boring Machine, the deviation has to be spelt out clearly

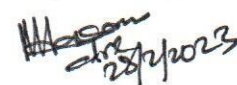
  
M ALAMGIR HOSSAIN  
Commander BN  
Member/ Secy Engineering (C)  
Date: 28/04/2023  
NHQ, Banani, Dhaka-1213


  
DNS (Rep)  
S M IMRAN  
Lt Commander BN  
Member  
Date: 28/04/2023  
NHQ, Banani, Dhaka-1213

  
MD. ASIB RAIHAN  
DNP (Rep)  
Lt Commander BN  
Member  
Date: 01/03/23  
NHQ, Banani, Dhaka-1213

  
AHAMED AMIN ABDULLAH  
Captain BN  
Director of Naval Armament  
Date: 05/03/23  
NHQ, Banani, Dhaka-1213

  
DNIT  
Member  
Date: 06/03/23  
MABDUL KAREEM  
Commodore BN  
Director of Naval Weapons  
and Electrical Engineering  
NHQ, Banani, Dhaka-1213

  
DNE  
Member  
Date: 28/04/2023  
NHQ, Banani, Dhaka-1213

  
MABDUL KAREEM  
Commodore BN  
President  
Date: 06/03/23  
Director of Naval Weapons  
and Electrical Engineering  
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